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REPTON RURAL DISTRICT COUNCIL.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1944.

PUBLIC HEALTH STAFF:

Medical Officer of Health of the District:

JOHN L. BERRY, M.B.,Ch.B.,Ph.D.,F.R.M.S.

Sanitary Inspectors:

J. CRABTREE, M.S.I.A.
GEORGE V. PEACE, M.S.I.A.

Engineer & Surveyor:

A.P.HANCOCK, M.Inst.M.& Cy.E.

Clerk:

Miss L. Oakden.

Clerk of the Council:

F. BAILEY.

Rural District Council Offices,
The Poplars,
Rolleston Road,
Burton-on-Trent.

Repton Rural District Council Offices,
Public Health Department,
The Poplars,
Rolleston Road,
Burton-on-Trent,
24th October, 1945.

To the Chairman and Members of the
Repton Rural District Council.

Lady and Gentlemen,

In having the honour of presenting this, my first Annual Report, I must disclaim all responsibility for the subject matter therein contained. It will be appreciated that the various statistics are those to March 31st, 1945, and that I did not succeed my predecessor until May 1st, 1945.

Therefore, I hope that I have displayed the valuable work done by Dr. Watt fairly and to proper advantage.

I must acknowledge the great help given me in preparing this Report to the Sanitary Inspectors of the Council and to Miss L. Oakden, Clerk to the Department, in checking and revising the Vital Statistics.

To the delay in issuing the Report, the Council will readily ascribe the correct reasons and absolve me from undue procrastination by the administrative difficulties of an over-worked and understaffed Department.

Your obedient servant,
JOHN L. BERRY.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS.

Elevation of the District from 130 to 604 O.D.

Area		65,654 acres.
Registrar-General's estimated population mid 1944		27,140
National Registration enumeration September, 1939 -		
Males	15,560	
Females	14,847	30,407

Number of inhabited dwellings end of 1944 - 7,729

Rateable Value, 31st March, 1944 - £134,676

Product of 1d. rate, 31st March, 1944 - £547. 19. 5.

VITAL STATISTICS:

	Total	M.	F.
LIVE BIRTHS:			
Legitimate	535	282	253
Illegitimate	30	11	19
	565	293	272
STILL BIRTHS:			
Legitimate	19	9	10
Illegitimate	-	-	-
	19	9	10
DEATHS	298	161	137

Birth Rate per 1,000 of the estimated resident population - 20.82

Rate per 1,000 total (live and still) births - 32.5

Death Rate per 1,000 of the estimated resident population - 10.98

Deaths from puerperal causes (Headings 29 & 30 of the Registrar-General's Short List):-

			Rate per 1,000 total (live and still) births.
No. 29.	Puer: & post-abort: sepsis -	Nil.	-
No. 30.	Other maternal causes -	1	1.7

Deaths of Infants under 1 year -

	M.	F.
Legitimate	8	6
Illegitimate	-	1
	8	7

Death Rate of Infants under 1 year of age:-

All infants per 1,000 live births - 26.5

Legitimate infants per 1,000 legitimate live births - 26.2

Illegitimate infants per 1,000 illegitimate live births - 33.3

Deaths from Cancer (all ages) - 44
" " Measles " Nil.
" " Whooping Cough (all ages) - Nil.
" " Diarrhoea (under 2 years of age) - 2

Section A.

Causes of Death in Repton Rural District during the Year 1944.

		M.	F.
	ALL CAUSES	161	137
1.	Typhoid and paratyphoid fevers	-	-
2.	Cerebro-spinal fever	1	1
3.	Scarlet Fever	-	-
4.	Whooping Cough	-	-
5.	Diphtheria	-	-
6.	Tuberculosis of respiratory system	6	1
7.	Other forms of tuberculosis	2	-
8.	Syphilitic diseases	2	-
9.	Influenza	5	1
10.	Measles	-	-
11.	Acute Polio-myelitis & Polio-encephalitis ..	-	-
12.	Acute Inf: encephalitis	-	-
13.	Cancer of buccal cavity & Oesophagus:(M), uterus (F)	3	6
14.	Cancer of stomach & duodenum	2	4
15.	Cancer of breast	-	3
16.	Cancer of other sites	16	10
17.	Diabetes	1	2
18.	Intracranial vascular lesions	15	21
19.	Heart Disease	38	41
20.	Other diseases of circulatory system	5	4
21.	Bronchitis	8	2
22.	Pneumonia	5	5
23.	Other respiratory diseases	1	-
24.	Ulcer of stomach or duodenum	4	-
25.	Diarrhoea under 2 years	1	1
26.	Appendicitis	2	2
27.	Other digestive diseases	3	4
28.	Nephritis	4	7
29.	Puerperal & post-abort: sepsis	-	-
30.	Other maternal causes	-	1
31.	Premature birth	3	-
32.	Congenital mal; birth injury: infant: diseases ..	2	2
33.	Suicide	2	-
34.	Road traffic accidents	4	-
35.	Other violent causes	8	3
36.	All other causes	18	16

Section C.

Report of Engineer & Surveyor.

SEWAGE & SEWAGE DISPOSAL.

Willington.

The six earth closets at the Council Houses in Castleway Lane, Willington, have been converted to water-closets and connected to the Willington Sewage Scheme, completed during the war.

All properties required to be connected to the public sewers by the Local Authority have been connected, and the Sanitary Inspector is negotiating with the remaining owners for the foul drainage from their properties to be also connected.

Mickleover.

The scheme submitted to the Ministry of Health for the diverting of a portion of the foul sewage from the Boundary Sewage Works to the Findern Sewage Works to relieve the former, together with the diversion of the storm water to a storm tank will be carried out immediately the Ministry's approval has been obtained.

Coton-in-the-Elms, Rosliston, Walton, and Cauldwell.

The Pessall brook, into which the sewage and storm water flows, has been cleared out, regraded, and fenced by the War Agricultural Committee on behalf of this Council, thus preventing ponding and nuisance from sewage. A comprehensive sewage scheme is being prepared to treat the sewage from the above properties as a post-war scheme.

Castle Gresley.

The storm overflow constructed to abate the nuisance from flooding to Messrs. Bonas Bros. Tape Factory in Burton Road, has now been completed and is working satisfactorily in times of storm.

WATER SUPPLY.

Overseal and Woodville.

The yield from the Council's Smisby well is insufficient for the demand, and they purchase water from the Swadlincote and Ashby Joint Water Board, whose supply in turn is inadequate. In order to ensure an adequate supply to the village of Overseal the Council now purchase water in bulk direct from the South Staffordshire Waterworks Company through a meter on that Company's trunk main passing through Overseal.

Proposals for an adequate supply of water for Woodville are being submitted to, and discussed with, the Ministry officials.

These proposals will be considered by the Minister as a post-war project.

Hartshorne, Ticknall and Hatton.

The yield and quality of the water supplying the above parishes is satisfactory.

It is proposed to install an automatic pump at Ticknall in the near future to ensure an adequate supply to the village.

All the Council's public water supplies are chlorinated before distribution to the public.

P.T.O.

Report of Engineer & Surveyor (contd).

HOUSING.

Advanced Preparation of Housing Sites.

It is expected that work will commence on the construction of the streets and sewers under the advanced preparation of housing sites in the parishes of Willington, Hatton, Repton, Woodville and Linton on the 1st July, 1945. The number of houses to be erected in the Council's first and second year programme is 446, of which 248 will be allocated to the above five sites, the remainder being distributed amongst various parishes within the Rural District.

Private Development.

No plans for houses were submitted to the Council for consideration as private development during the year ending 31st December, 1944. Several plans have been submitted to the Council for alterations or additions to existing dwellings during the year.

STAFFORDSHIRE EXPLOSION.

A serious explosion occurred in the area of an adjoining authority on 27th November, 1944, which caused damage to adjacent property within this Council's area.

An arrangement was made between the R.A.F. and this authority to inspect and repair the properties affected, and this is being carried out

POST-WAR SCHEMES.

The Council have a very progressive post-war programme which includes the design and construction of sewerage and sewage disposal schemes, water schemes, and a large housing programme, including the construction of housing estates, roads and drainage, preparations of which are now in progress.

SECTION C.

PUBLIC CLEANSING.

SCAVENGING.

The following parishes have methods of scavenging and house refuse disposal:-

Parishes	No. of premises scavenged.	Method	Approx. cost per house per annum, (including Refuse Tips, Labour, etc.) £	s	d
Bretby	188	Contract	1.	0.	0
Burnaston	56	"		16.	5¾
Castle Gresley	418	"		17.	4
Church Broughton	121	"		15.	2½
Coton-in-the-Elms	143	"	1.	1.	6¾
Egginton	97	"		17.	9
Etwall	211	"		14.	6¼
Findern	188	"		15.	0
Foston & Scropton	164	"	1.	0.	1¼
Hartshorne	352	"		19.	0
Hatton	338	"	1.	0.	5
Hilton	234	"		15.	11¼
Linton	401	"		16.	6
Mickleover	1286	"		11.	6¾
Netherseal	216	"	1.	4.	0
Overseal	639	"		13.	4
Repton	451	"	1.	2.	11½
Stenson	73	"		16.	9½
Willington	281	"		10.	10¾
Woodville	763	"		12.	5¼

Burnaston Airport £44. 0. 0 per annum.

Foston Hall Railway Orphanage £10. 0. 0 " "

CLOSET ACCOMMODATION.

	Northern District	Southern District	Total
(1) Housing:-			
Number of inhabited houses at end of 1944	3320	4409	7729
Number of new houses erected during 1944 -			
(a) By Local Authority (Agricultural Workers)	6	10	16
(b) By private enterprise	-	-	-
(2) Closet Accommodation:-			
(a) Water Closets	2352	2842	5194
(b) Pail Closets	467	708	1175
(c) Privy Middens, etc. ..	561	823	1384
(3) Conversions to Water-closets:-			
(a) Privy Middens	7	19	26
(b) Pail Closets	5	4	9

Note - Drain connections to sewer - Hatton 6
" " " " Mickleover 4
" " " new sewer - Willington 75
Cesspools abolished at Willington 33
" " Mickleover 1
" " Hatton 1

SECTION C.

SANITARY INSPECTION OF THE AREA.

	Number on Register.	Inspections made	Notices served.	Nuisances abated with or without notice.
Dairies, Cowsheds & Milkshops	623	362	39	34
Bakehouses	17	24	2	2
Slaughter-houses	18	184	-	-
Offensive Trades	-	-	-	-
Common Lodging-houses	-	-	-	-
	658	570	41	36

WATER SUPPLIES.

During the year 26 samples of water from private sources have been sent for analysis, 9 were examined chemically and 17 bacteriologically.

RIVERS AND STREAMS.

A complaint was received from occupiers of dairy farms in the parish of Egginton of the fouling of their water-course used for the watering of cattle, from the American Camp at Hilton.

The matter was taken up energetically by the Council with the Army authorities, which resulted in the improvement of the sewage collecting area of the Camp, and the abatement of the gross pollution in the stream.

ERADICATION OF BED BUGS.

Two complaints were received with regard to this pest during the year in the Southern District. Notices were served on the owners of the properties concerned, and immediate action was taken by them to deal with the infestations.

HOUSING STATISTICS.

	Northern District	Southern District	Total
1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:-			
(1)(a).-Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...	127	665	792
(b) Number of inspections made for the purpose	463	1071	1534
(2)(a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932 ...	87	242	329
(b) Number of inspections made for the purpose	251	556	807
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...	-	1	1
(4) Number of dwelling-houses (exclusive of those referred to in the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	97	584	681
2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:-			
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ...	89	422	511
3. ACTION UNDER STATUTORY POWERS DURING THE YEAR:-			
(a)-Proceedings under Sections 9, 10, & 16 of the Housing Act, 1936 -			
(1) Number of dwelling-houses in respect of which notices were served requiring repairs ...	-	19	19
(2) Number of dwelling-houses which were rendered fit after service of formal notices -			
(a) By Owners	-	4	4
(b) By Local Authority in default of owners	-	3	3
(b)-Proceedings under Public Health Acts -			
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ...	-	10	10
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:-			
(a) By Owners	-	10	10
(b) By Local Authority in default of owners	-	-	-

(cont.over)

Housing Statistics (contd).

	Northern District.	Southern District.	Total
ACTION UNDER STATUTORY POWERS (contd).			
(c)-Proceedings under sections 11 and 13 of the Housing Act, 1936:-			
(1) Number of dwelling-houses in respect of which Demolition Orders were made	-	1	1
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	-	-	-
(d)-Proceedings under Section 12 of the Housing Act, 1936:-			
(1)-Number of separate tenements or underground rooms in respect of which Closing Orders were made	-	-	-
(2)-Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	-	-	-

4. HOUSING ACT, 1936 (PART IV.) OVERCROWDING:-

(a) (1)- Number of dwellings overcrowded at the end of the year ...

(2)- Number of families dwelling therein ... ...

(3)- Number of persons dwelling therein ... ...

(b) Number of new cases of overcrowding reported during year ...

(c) (1)- Number of cases of overcrowding relieved during year ...

(2)- Number of persons concerned in such cases ... ...

(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ...

SECTION E.

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

Heat-treated milk is produced in bulk at the Wilts United Dairies Ltd., Egginton Branch, and a sample of this milk was taken monthly for phosphatase test and plate count and B. Coli tests.

'Accredited' milk licences are granted by the County Council, and have resulted in many improvements in the sterilizing arrangements at farms.

A statement of the work carried out to Cowsheds and Farms under the Milk and Dairies Acts and Orders is set out below.

Milk & Dairies (Consolidation) Act, 1915.
Milk & Dairies (Amendment) Act, 1922.
Milk & Dairies Order, 1926.

Total number of Cowsheds in District	1165
Total number of Farms in District	619

Work done during 1944:-

Number of Cowsheds -

1.	Newly built	1
2.	Entirely remodelled internally	6
3.	Not now used for milk beast	-
4.	Where new floors were laid	6
5.	Where floors were repaired	16
6.	Where feeding troughs repaired or provided	18
7.	Where lighting and ventilation were improved	15
8.	Where lofts were removed	-
9.	Where loft floors were improved	-
10.	Where drain inlets were removed to outside	6
11.	Where drainage was provided	7
12.	Where walls were rendered in cement	9
13.	Where standings were paved	8
14.	Where approach paving was repaired	8
15.	Which were cleaned up	17
16.	Where manure dump was moved	6
17.	Where manure dump was improved	4
18.	Where work is completed	18
19.	Where work is in progress	2

Number of Farms -

1.	Where new dairies were built	7
2.	Where dairies were improved	5
3.	Where cowkeeping was given up	-

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Small-pox.- No cases.

Scarlet Fever.- Notifications 75 (including one non-civilian).
Cases removed to Hospital 40. Deaths Nil.

The type of disease continues mild. The average period of residence in Hospital is about 28 days. Anti-scarlatinal serum is supplied to practitioners on request.

The cases occurred in the following parishes:-

Mickleover, 18, Bretby 12, Hatton 8, Overseal 7, Woodville 4, Linton 3, Repton 3, Ashe Hall Red Cross Hospital 3 (staff), Radbourne 3, Castle Gresley 2, Etwall 2, Egginton 2, Netherseal 2, Osleston 1, Coton-in-the-Elms 1, Scropton 1, Ingleby 1, Stenson 1, Hartshorne 1.

Diphtheria.- Notifications 4. All removed to Hospital.
Deaths - Nil.

Two of the cases were adults, and the remaining two (infants) had been immunised in 1942. Three of the cases were nasal diphtheria - a mother and her two children.

The cases occurred in the parishes named below:-

Willington 3, Walton-on-Trent 1.

Diphtheria Antitoxin is supplied to practitioners free on request.

Enteric (Typhoid) Fever.-	Nil.	
Puerperal Pyrexia.-	2 cases.	Both admitted to Hospital.
Cerebro-Spinal Fever.-	2 "	Both removed to Hospital.
Erysipelas.-	5 "	
Ophthalmia Neonatorum.-	Nil.	
Encephalitis Lethargica.-	Nil.	
Anterior Polio-Myelitis.-	Nil.	
Pneumonia.-	20 cases	(including 1 Non-Civilian).
Dysentery.-	14 "	(including 3 Non-Civilians).
Measles.-	26 "	(including 3 Non-Civilians).
Whooping Cough.-	53 "	
Tuberculosis.-	24 "	

Particulars of new cases of Tuberculosis and of deaths from the Disease in the area during 1944.

	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year					1			
1 - 5							1	
5 - 16	3	1	5	1	1			
16 - 25	2	2						
25 - 35	1	1						
35 - 45		1	1	1	2			
45 - 55		1						
55 - 65	2			1		1		
Over 65	1				2			
	9	6	6	3	6	1	1	-

The above figure of 24 cases notified includes one cases which was diagnosed in error (notified from Hereford General Hospital).

Cases treated in Sanatoriums, etc.

County Sanatorium, Chesterfield	5	
Bretby Orthopaedic Hospital	9	
Belvedere Hospital Burton-on-Trent	4	
Queen Elizabeth Hospital, Birmingham	1	(transferred from Bretby Orthopaedic Hospital owing to invasion).
Total -	19	

DIPHTHERIA IMMUNISATION.

Statement of work done during the Year 1944.

Parish	No. of children who have received complete course.		No. of children inoculated but not completed course.		Total
	Under 5 years	5 years & over	Under 5 years	5 years & over	
Ash	-				-
Barton Blount	1				1
Bearwardcote	-				-
Bretby	6	2	1		9
Burnaston	-				-
Calke	1				1
Castle Gresley	5	1			6
Catton	2				2
Cauldwell	-				-
Church Broughton	-				-
Coton-in-the-Elms	6				6
Dalbury-with-Lees	-				-
Drakelow	-				-
Egginton	1				1
Etwall	4	1			5
Findern	9				9
Foremarke	-				-
Foston & Scropton	3	5			8
Hartshorne	14	8			22
Hatton	4	1			5
Hilton	6	1			7
Hoon	-				-
Ingleby	1				1
Linton	9	4			13
Lullington	-				-
Marston-on-Dove	-				-
Mickleover	39	9	1		49
Netherseal	3				3
Newton Solney	1				1
Osleston & Thurvaston	-				-
Overseal	15	2			17
Radbourne	1				1
Repton	6	1			7
Rosliston	6				6
Smisby	1				1
Sutton-on-the-Hill	-				-
Ticknall	7				7
Trusley	-				-
Twyford & Stenson	1				1
Walton-on-Trent	2				2
Willington	9	1			10
Woodville	17	8			25
Totals	180	44	2	-	226

Immunisation is carried out by medical practitioners for the District Council. By the end of December 1944, 1,267 infants under 5 years of age had been fully immunised, as well as 3,380 children of school age. The actual percentage of children permanently resident in the district who were immunised cannot be exactly determined, owing to the fluctuating numbers of evacuees who were coming and going into the area. It is roughly estimated that 70 per cent of the infants, and 80 per cent of the school children, have been fully immunised.

During the last three years, 1942 - 1944, only 17 cases in all, Diphtheria, have been notified, and no deaths have occurred. Most of them were extremely mild cases, and they tended to occur in persons over school age. For a similar three-year period, 1938 - 1940, the number of cases notified was 77, with 4 deaths.

The Alum Precipitated Toxoid used for immunisation is supplied by the Council free to all medical practitioners undertaking the work.